

Data File : VV009932.D
Acq On : 27 Mar 2019 17:01
Operator : SY/MD
Sample : K2085-11
Misc : 5.89G/10mL/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7T6

Quant Time: Mar 28 05:17:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 05:12:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	118996	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	118207	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46934	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64228	26.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.40%
7) Chloroethane-d5	1.56	69	71224	27.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.24%
10) 1,1-Dichloroethene-d2	2.13	63	141523	21.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.72%
20) 2-Butanone-d5	3.93	46	36230	80.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.02%#
24) Chloroform-d	4.40	84	68994	22.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	5.08	65	55960	30.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.68%
29) Benzene-d6	5.10	84	176396	28.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.68%
33) 1,2-Dichloropropane-d6	6.12	67	55410	30.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.04%#
37) Toluene-d8	7.36	98	156582	26.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.60%
38) trans-1,3-Dichloropropene-	7.66	79	16737	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.12%
39) 2-Hexanone-d5	8.13	63	25499	75.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.44%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55769	31.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.08%#
61) 1,2-Dichlorobenzene-d4	11.67	152	52384	29.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.28%

Target Compounds

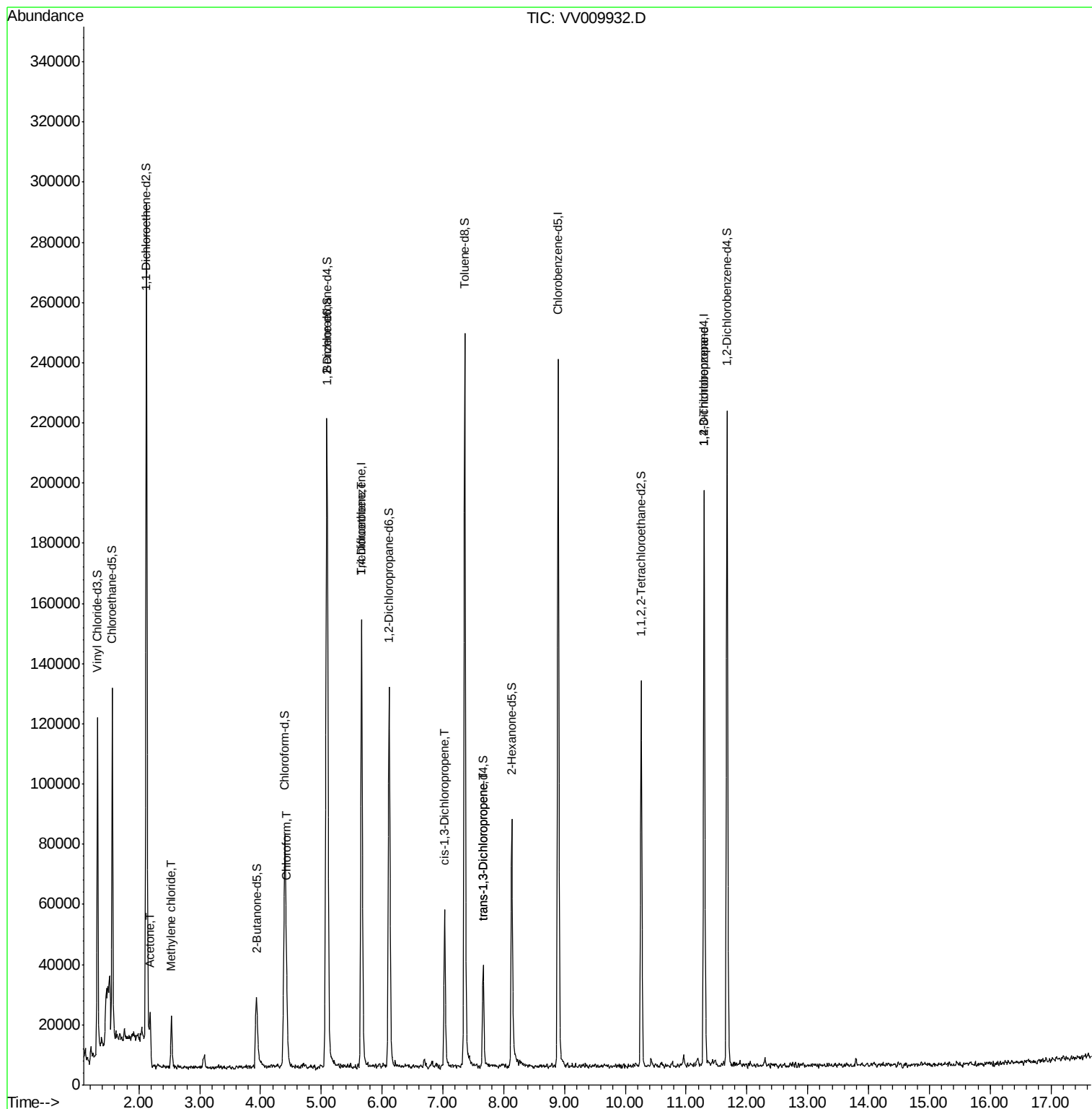
					Qvalue
13) Acetone	2.19	43	3919	5.752 ug/L	98
16) Methylene chloride	2.53	84	6851	3.496 ug/L	93
25) Chloroform	4.43	83	17767	5.635 ug/L	98
35) Trichloroethene	5.67	95	3834	2.239 ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	1837	0.777 ug/L #	70
45) trans-1,3-Dichloropropene	7.66	75	1054	0.544 ug/L	96
59) 1,2,3-Trichloropropane	11.30	75	7462	5.718 ug/L	94

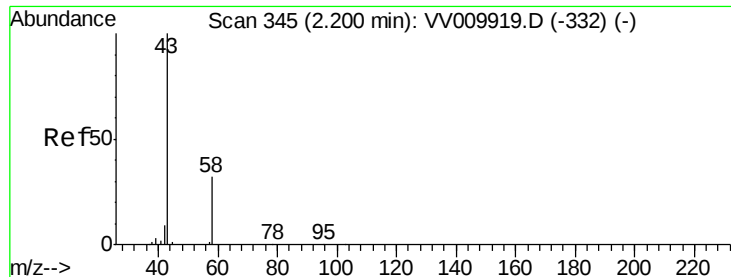
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.752 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV009932.D

Acq: 27 Mar 2019 17:01

Instrument :

MSVOA_V

ClientSampled :

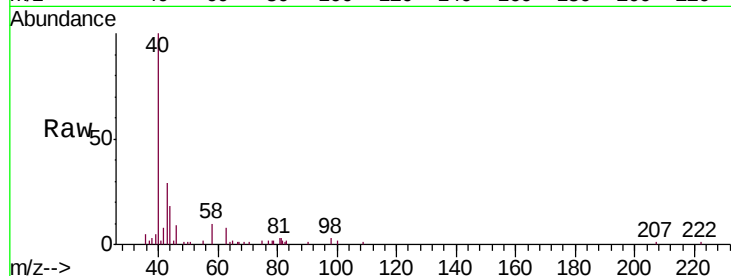
BF7T6

Tgt Ion: 43 Resp: 3919

Ion Ratio Lower Upper

43 100

58 30.7 0.0 59.4

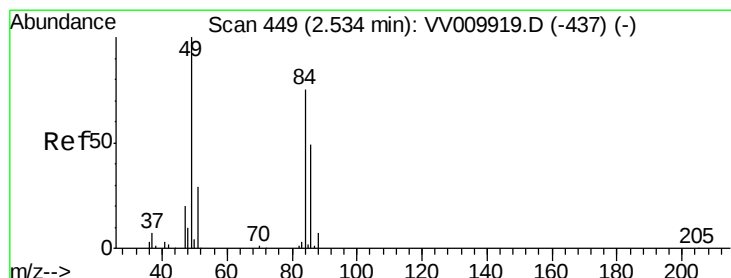
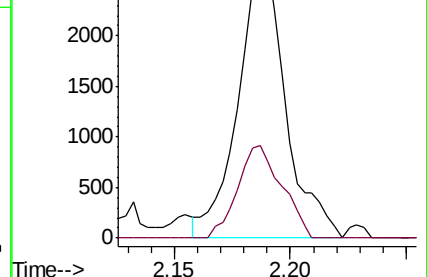
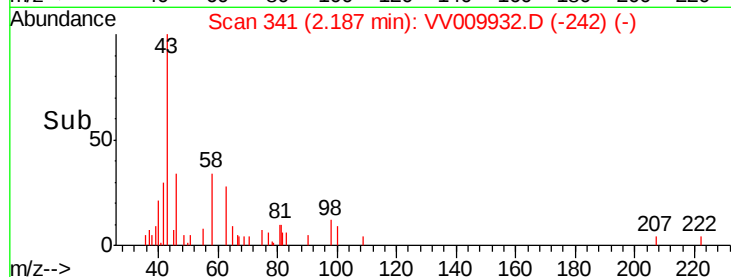


Abundance Ion 43.00 (42.70 to 43.70): VV009919.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV009919.D (-332) (-)

2.19

Time-->



#16

Methylene chloride

Concen: 3.496 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV009932.D

Acq: 27 Mar 2019 17:01

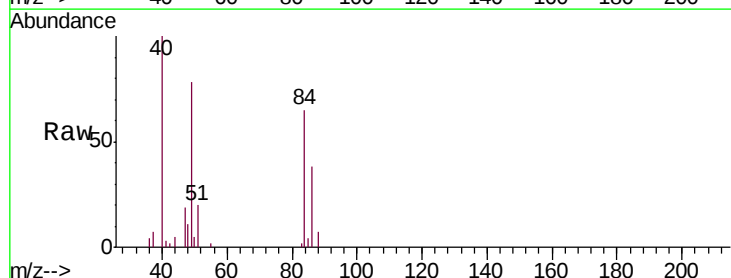
Tgt Ion: 84 Resp: 6851

Ion Ratio Lower Upper

84 100

49 119.4 90.4 167.8

86 58.5 44.0 81.6



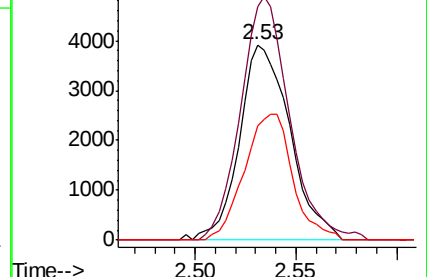
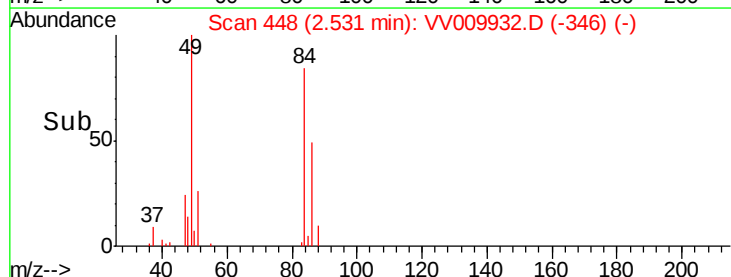
Abundance Ion 84.00 (83.70 to 84.70): VV009919.D (-437) (-)

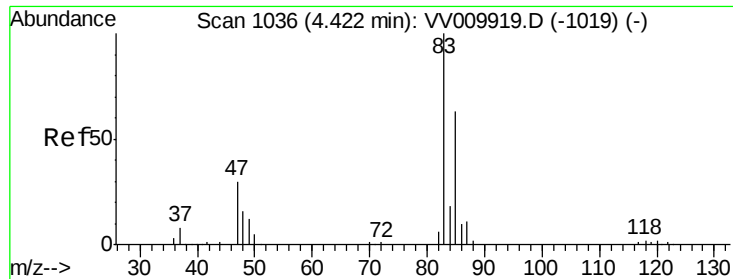
Ion 49.00 (48.70 to 49.70): VV009919.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009919.D (-437) (-)

2.53

Time-->

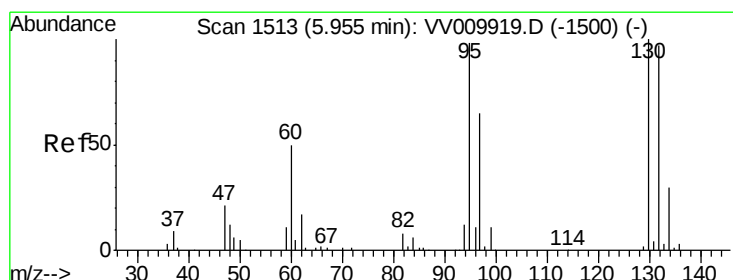
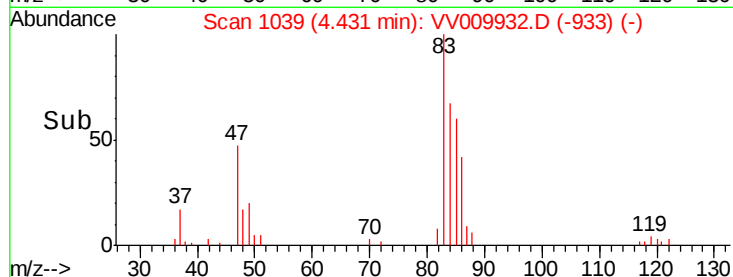
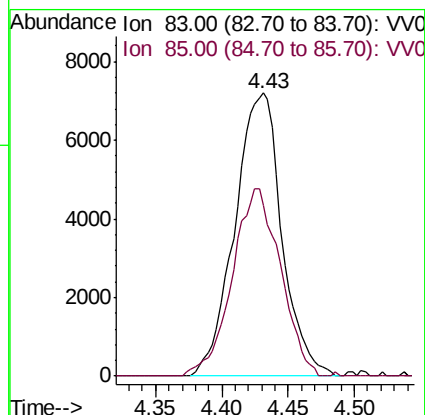
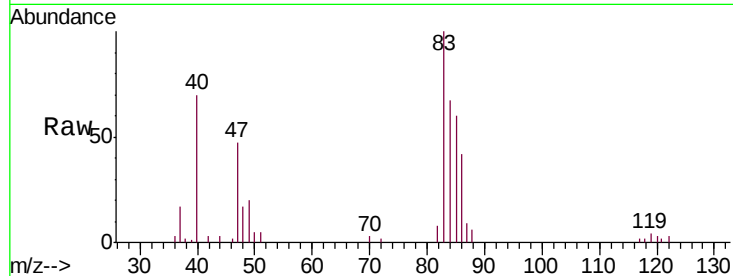




#25
Chloroform
Concen: 5.635 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV009932.D
Acq: 27 Mar 2019 17:01

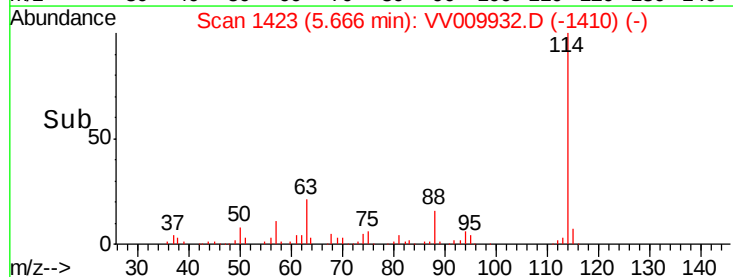
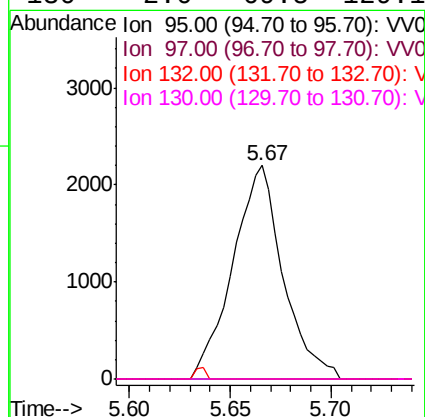
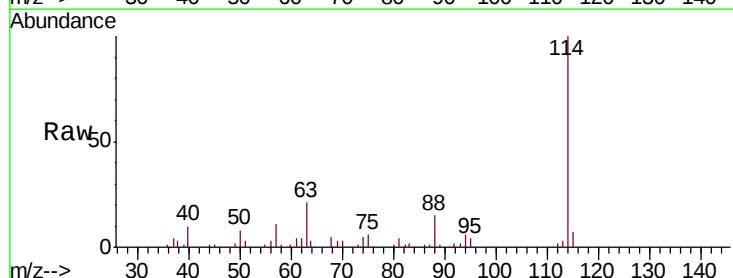
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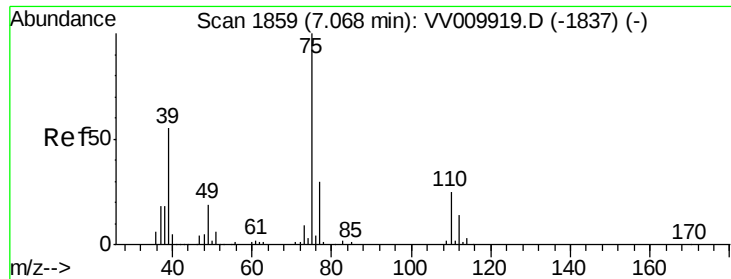
Tgt Ion: 83 Resp: 17767
Ion Ratio Lower Upper
83 100
85 67.7 46.1 85.7



#35
Trichloroethene
Concen: 2.239 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV009932.D
Acq: 27 Mar 2019 17:01

Tgt Ion: 95 Resp: 3834
Ion Ratio Lower Upper
95 100
97 0.0 46.3 85.9#
132 1.1 69.3 128.7#
130 2.0 69.5 129.1#

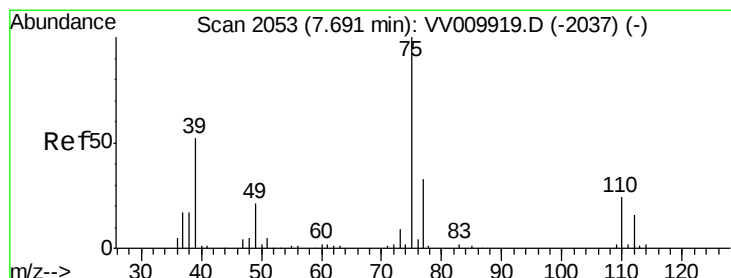
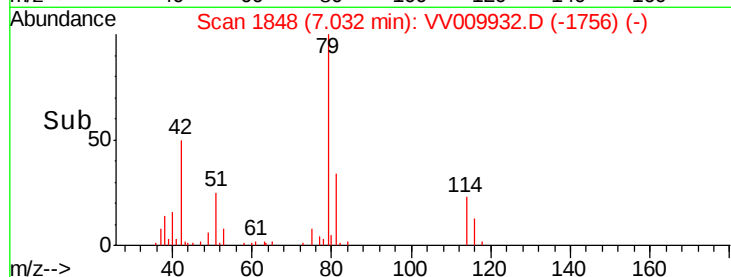
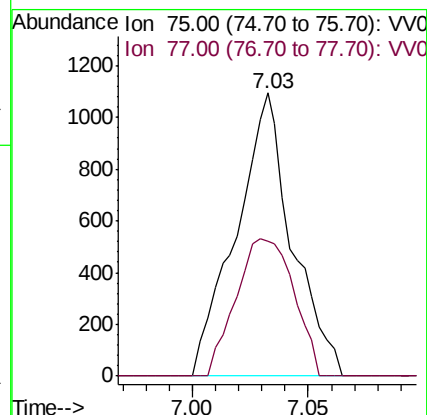
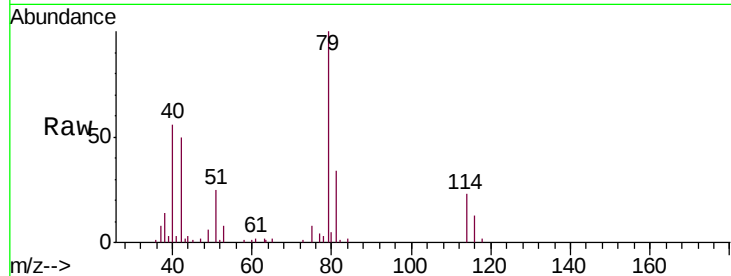




#42
 cis-1,3-Dichloropropene
 Concen: 0.777 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009932.D
 Acq: 27 Mar 2019 17:01

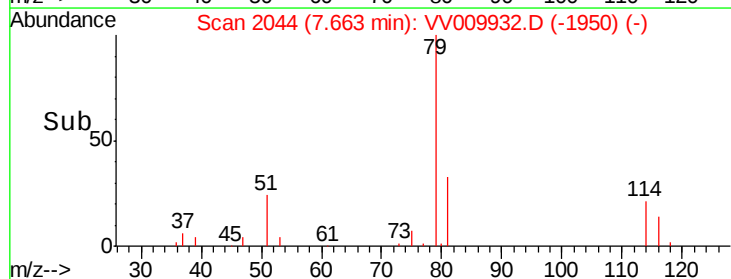
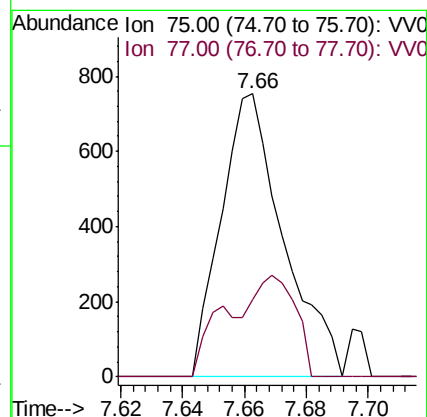
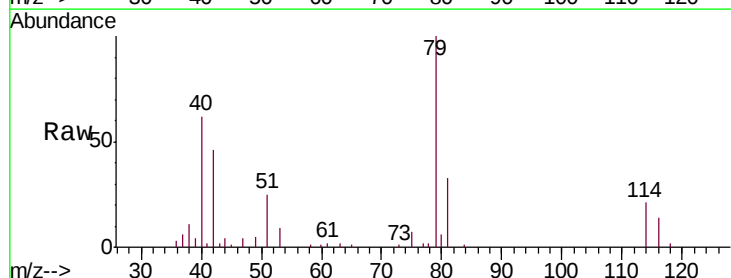
Instrument :
 MSVOA_V
 ClientSampleId :
 BF7T6

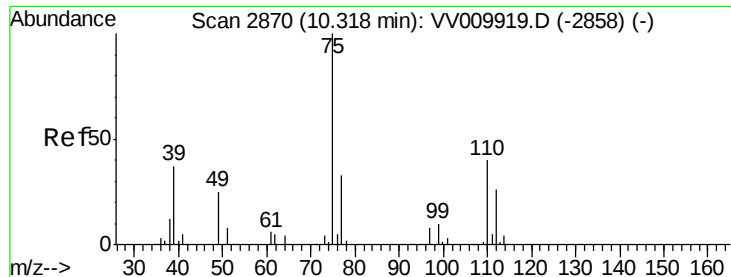
Tgt Ion: 75 Resp: 1837
 Ion Ratio Lower Upper
 75 100
 77 47.7 21.8 40.6#



#45
 trans-1,3-Dichloropropene
 Concen: 0.544 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV009932.D
 Acq: 27 Mar 2019 17:01

Tgt Ion: 75 Resp: 1054
 Ion Ratio Lower Upper
 75 100
 77 27.2 20.7 38.5





#59

1,2,3-Trichloropropane

Concen: 5.718 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009932.D

Acq: 27 Mar 2019 17:01

Instrument :

MSVOA_V

ClientSampleId :

BF7T6

Tgt Ion: 75 Resp: 7462

Ion Ratio Lower Upper

75 100

77 35.9 26.2 39.2

